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APPENDIX B

PENDING CLAIMS WITH ENTRY OF AMENDMENT

1. (Twice Amended) An isolated nucleic acid construct comprising a polynucleotide sequence encoding a polypeptide that is at least 80% identical to SEQ ID NO:4, wherein the polynucleotide sequence, when introduced into a plant, enhances the plant's resistance to pathogens compared to resistance of a plant not transformed with the polynucleotide sequence, and

wherein a first amino acid sequence comprising the polypeptide binds to a second amino acid sequence comprising SEQ ID NO:2 in a yeast two-hybrid binding assay.

2. (Once amended) The construct of claim 1, wherein the polynucleotide sequence is from a rice plant.

13. (Once amended) The construct of claim 1, wherein the polynucleotide sequence is SEQ ID NO:3.

22. (Once amended) The construct of claim 1, wherein the polynucleotide sequence encodes SEQ ID:4.

30. The construct of claim 1, further comprising a promoter operably linked to the polynucleotide sequence.

31. (Twice Amended) A transgenic plant comprising a recombinant expression cassette comprising a plant promoter operably linked to a polynucleotide sequence encoding a polypeptide that is at least 80% identical to SEQ ID NO:4, wherein the polynucleotide sequence, when introduced into a plant, enhances the plant's resistance to pathogens compared to resistance of a plant not transformed with the polynucleotide sequence, and

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wherein a first amino acid sequence comprising the polypeptide binds to a second amino acid sequence comprising SEQ ID NO:2 in a yeast two-hybrid binding assay.

32. The transgenic plant of claim 31, wherein the plant is rice.

43. (Once amended) The transgenic plant of claim 31, wherein the polynucleotide sequence is SEQ ID NO:3.

52. (Once amended) The transgenic plant of claim 31, wherein the polynucleotide sequence encodes SEQ ID:4.

60. (Twice Amended) A method of enhancing resistance to pathogens in a plant, the method comprising

1) introducing into the plant a recombinant expression cassette comprising a plant promoter operably linked to a polynucleotide sequence, wherein the polynucleotide sequence encodes a polypeptide that is at least 80% identical to SEQ ID NO:4, wherein a first amino acid sequence comprising the polypeptide binds with a second amino acid sequence comprising SEQ ID NO:2 when assayed in a yeast two-hybrid binding assay; and

2) selecting a plant with enhanced pathogen resistance compared to resistance of a plant not transformed with the recombinant expression cassette.

62. The method of claim 60, wherein the polypeptide comprises SEQ ID NO:4.

70. (Once amended) The construct of claim 30, wherein the promoter is constitutive.

71. (Once amended) The construct of claim 30, wherein the promoter is inducible.

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72. (Once amended) The construct of claim 30, wherein the promoter is tissue-specific.

73. The transgenic plant of claim 31, wherein the plant promoter is constitutive.

74. The transgenic plant of claim 31, wherein the plant promoter is inducible.

75. The transgenic plant of claim 31, wherein the plant promoter is tissue-specific.

76. The method of claim 60, wherein the plant promoter is constitutive.

77. The method of claim 60, wherein the plant promoter is inducible.

78. The method of claim 60, wherein the plant promoter is tissue-specific.

79. The method of claim 60, wherein the plant is from the genus *Oryza*.

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